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Obtained by Evaporation in a Vacuum, by

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BISI 3346

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Sci - Phys
Oct 63

Quantitative Determination of Cocaine
in Urine, Feces, and Hair; Results
Obtained, by J. Pluchon, G. Pille.
FRANCIS, ~~Paris~~ Med Trop, Vol 1A, 1949,
pp 510-551.
NASA TT F-10,427

J. Pluchon

U. S. GOVERNMENT USE ONLY
Sci-141
Jan 47

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Experiments and Practical Experience in Carbon-
ization of High Volatile Coal in Admixture With
Low Volatile Caking Coal, Steam Coal and
Pulverized Coke-Breeze, by J. Pluckthum.

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Tuscaloosa, Ala.

Sci - Fuels
May 59

87,738

The Electrophoretic Investigation of Serum Proteins
on Filter Paper, by Hans Pluckthun, Heinz Gotting,
8 pp.

GERMAN, per, Klin Wochschr, Vol XXIX, No 23/24,
1951, pp 415-420.

SLA 60-10632

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Aug 60

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Precision Finishing of Metal Surfaces, by R. Pluecker,
4 pp.

GERMAN, per, Werkstatt und Betrieb, Vol LXVIII,
No 10, 1935, pp 257-259.

SIA 59-15466

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Vol 2, No 5

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Edwin P. Plueddemann, 14 pp.
FRENCH, patent, 1,331,260 1963.
TC-430

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398,767

Assessing Performance and Consumption Data in Iron
and Steel Works, by H. H. Plugg.

GERMAN, per, Stahl und Eisen, Vol LXXXI,
30 Mar 1961, pp 408-421.

BIBI 2326

Sci - Min/Metals

168, 453

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The Behaviour of Heat-Resisting Steels During Creep Test-
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 vestigation Into the Properties of Heat-Resisting Steels,
 by Constant; Some Results of American Long-Time Creep Tests
 on Pipe Steels, With Particular Reference to Permissible
 Design Stresses, by Eberle; Development of Heat-Resisting
 Materials and Their Testing in Czechoslovakia, by Pluhar;
 Influence of Nickel on Susceptibility to Embrittlement
 During Long-Time Creep Testing of Cast Cr-Mo and Cr-Mo-V
 Steels, by Felix; Variations in the Rate of Creep of a
 Plain Steel During Long-Time Creep Testing, by ~~Frank~~ Johans-
 on.

HEMAN, per, Arch Eisenhüttenwesen, Vol XXVIII, Nov 1957,
 p 695; 702; 707; 710; 713.

Co-op Tr Sch Tr 842 60,840
 51 - Min/rot Apr 58 SLH 61-16502

Intermetallic Phases in Two Types of Modified
12 Percent Chromium Steels, by J. Plužar, et al.

CZECH, per, Hutnicke Listy, No 12, Prague,
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BISI 1872

Sci - Chem

Sep 60

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E. Plumat.

GERMAN, rpt, Proceedings of the Internatl
Congr on Glass (Non5), Munich, 1959.

NTC 69-11266-11B

E. PLUMAT

Sci-Hat
July 69

387,095

Plumat, E.

FORMATION OF SULFUR BUBBLES IN COMMERCIAL GLASS (Formation de Bulles Contenant du Soufre dans des Verrres Commerciaux). [1962] [13]p. (foreign text included) 3 refs.

Order from SLA \$1.60

62-10939

Trans. of French language article from an unidentified source, n.d.

DESCRIPTORS: *Glass, *Bubbles, *Sulfur, Gases, Melting, Fused materials, Chemical reactions, Heat of formation.

(Materials--Ceramics, TT, v. 9, no. 4)

62-10939

I. Plumat, E.

C227640

Office of Technical Services

81
Study of Contact Phenomena Between Glass and
Oxide at a High Temperature by Electric
Potential Measurements, by E. Plumet.
FRENCH, par, Silicate Industriels, Vol 19,
No 4, 1954, pp 141-153.
NRC-69-15443-11B

E. Plumet

Sci-Materials
Feb 70

403,119

Plumat, E. and Jaupain, M.
METHOD OF EXAMINATION OF BUBBLE DEVELOP-
MENT AT THE POINT OF CONTACT WITH RE-
FRACTORIES (Méthode d'Examen du Degagement de
Bulles au Contact de Matériaux Refractaires). [1952]
[37p. (foreign text included).
Order from SLA \$3.60

62-10940

Trans. of mono. Symposium on the Firing of Glass
[held at Gilly, Belgium] June 55. [Proceedings]
p. 181-198.

DESCRIPTORS: *Refractory materials, Test methods,
Microstructure, Furnaces, Bubbles.

The plate method consists in the immersion of a small,
flat sample of the refractory to be tested, between two
sheets of fired glass, in a boat of Alumina or Pt. The
length of time for the experiment and the temperature
are both unstandardized, the method of the examination
(Materials - Refractories, TT, v. 9, no. 3) (over)

62-10940

I. Plumat, E.
II. Jaupain, M.

C227489

Office of Technical Services

Plumat, E.

CONTROL OF THE COMPOSITION OF GLASS BY
ELECTRIC CONDUCTIVITY (Contrôle de la Composi-
tion du Verre par Conductibilité Électrique). [1962]
[9]p. (foreign text included).
Order from SLA \$1.10

62-20238

Trans. of Silicates Industriels (Belgium) 1953, v. 18,
[no. 1] p. 17-19.

DESCRIPTORS: *Glass, Electrical conductance,
Quality control

(Materials--Ceramics, TT, v. 9, no. 10)

62-20238

1. Plumat, E.

Office of Technical Services

Plumat, E.

STUDY OF CONTACT PHENOMENA BETWEEN GLASS
AND OXIDE AT HIGH TEMPERATURE BY MEASURE-
MENTS OF ELECTRIC POTENTIAL (Étude des
Phénomènes de Contact entre Verre et Oxyde à Haute
Température par les Mesures de Potential Electrique).
[1962] [31 p. (figs. tables omitted) 6 refs.
Order from SLA \$3.60

62-16236

Trans. of Silicates Industriels (Belgium) 1954, v. 19
[no. 3] p. 141-154.

DESCRIPTORS: *Oxides, Mixtures, Processing, *Glass,
High temperature research, Measurement, *Electric
potential, Electrochemistry, *Sliding contacts,
Electrical equipment.

Experimental methods were developed for determining
the electromotive forces originating in various
electrolytic chains and for observing the phenomena
(Materials--Ceramics, TT, v. 9, no. 2) (over)

62-16236

1. Title: Electromotive force
1. Plumat, E.

62-16236

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DEUM IN THE COURSE OF THE FUSION OF GLASS
(Evolution des Composés Sulfurés de Sodium au Cours
de la Fusion du Verre). [1965] [36p] (foreign text
included) 5 refs

Order from SLA \$3.60

TT-64-14032

Trans. of Silicates Industriels (Belgium) 1949, v. 14,
no. 4, p. 122-133.

(Materials--Ceramics, TT, v. 12, no. 2)

TT-64-14032

L. Flamant, M.

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Office of Technical Services

Experimental Characterization of New Diuretics,
by T. Gross, A. Plummer, H. Ziegler, 13 pp.

ABSTRACT

GERMAN, per, Bulletin Schweizerische Akademie
der Medizinischen Wissenschaften, Vol XV,
No 4/5, 1959, pp 346-359.

SLA 60-114192

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Vol. III, No 10

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The Constitution of Rubber, by R. Flummerer,
10 pp.

GIKSIAT, per, Kautschuk, Jul 1927, pp 233-238.

SLA Tr 2871

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Plungyanskaya, M.N. and Moskvín, V.M.
HYDROPHOBISATION DU BETON PAR LES SILICONES
EN TANT QUE METHODE DESTINEE A AUGMENTER
SA STABILITE (The Hydrophobization of Concrete
with Organic Silicofluoride Compounds as a Method of
Increasing its Resistivity). 12p. CNRS-XXV 369.
Order from OTS, ETC or CNRS \$0.80 TT-62-26734

Trans. in French of Beton i Zhelezobeton (USSR) 1958,
no.6, p.218-220.

DESCRIPTORS: *Concrete, Corrosion, *Corrosion in-
hibition, Surfaces, *Silicone plastics, Penetration,
Water *Moistureproofing, Fluorides.

(Materials, TT, v. 11, no. 6)

TT-62-26734

- I. Plungyanskaya, M.N.
- II. Moskvín, V.M.
- III. CNRS-XXV 369
- IV. Centre National de la Recherche Scientifique, Paris

Office of Technical Services
European Translations Centre

Investigation of Organic Compounds Which Re-
tard the Oxidation of Sulfide Ores at Elevated
Temperatures, by F. N. Pavlov and V. G. Plushin
and E. F. Iordan, 4 pp.

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Diffusion and Solubility of Hydrogen in Fe and High
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FRENCH, par, Comptes Rendus Acad Sci, Vol 251,
1959, pp 1816-1819.

*Nat Bur Stand TT 70-57750

Sci-Materials

Jul 70

J. PLUSQUELLEC

Research and Utilization of an Optimal Temperature
Program for the Determination of the Diffusion
Parameters of Hydrogen into Extra Mild Steel, by
J. Plusquellec,
FRENCH, per, Comptes Rendus Acad Sci, Vol 256,
1963, pp 4213-4216.
*Nat Bur Stand TT 70-57751

Sci-Materials
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J. PLUSQUELLEC

Contribution to the Study of Diffusion and Location of Hydrogen in an Extra Mild Steel, by J. Plusqueliec.

FRENCH, per, Revue Metallurgie Memoires Scientifiques, Mar 1960, pp 215-231; Apr 1960, pp 265-277.

BISI 1786

Sci - Chem

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Effect of the Work-Hardening on the Embrittlement due
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Sci-Materials
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of Steels, by J. Plusquellec. UNCL

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British Iron and
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(L1 15a.04.)

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Plusquellec, Jacques, Azou, Pierre, and Bastien, Paul.

THE INFLUENCE OF CHARGING TIMES AND STORAGE AT ROOM TEMPERATURE ON THE HYDROGEN EMBRITTLEMENT OF STEELS. [1961] [4]p. 4 refs.

Order from SLA \$1.10

62-10537

Trans. of Academie des Sciences [Paris]. Comptes Rendus (France) 1958 [v. 246, no. 25] p. 3454-3457. (pub. by Gauthier-Villars et Cie; Paris).

DESCRIPTORS: *Steel, *Hydrogen embrittlement, Mechanical properties, Machining, Electrolytic polishing.

The steel tested had a carbon content of 0.08%. The capacity for deformation was lowered by the presence of hydrogen. Generally speaking, the reduction in area value decreases with an increase in charging time. Two anomalies exist, however, at maximum (Metallurgy--Ferrous Metals, TI, v. 7, no. 11)(over)

62-10537

- I. Plusquellec, J.
- II. Azou, P.
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The Heat Consumption of the Cement Kiln, by A.
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No 7, pp 297-305
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Electricity from Fuel Cells, by H. G. Plust,
GENEVE, 1961, Neue Zürcher Zeitung, No 950,
15 March 1961, pp 1-8.
ACSI 3-1038
ID 2204005700

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Sci.-Energy Conversion
Feb 67

317,750

Electricity from Fuel Cells, by
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Zürcher, 1967, Monatsschrift für Chemie, No 950,
13. März 1967, pp 1-2.
*ACM 10-1455
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Study Curriculum in Academic Institutions and the
Problem of Examination of of Alimentary Produce of
Animal Origin, by Edward Pluszynski, 8 pp.

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pp 694-698. 9077219

OTS 60-21518
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Sci - Biol
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Trade and Effects of Production Concentration in
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POLICE, par, Wisconsin Criminal, No. 1, 1964,
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JFAS 24432

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A. Our Experiences of Rapid Construction of Bridges
From Prefabricated Elements, by Jan Pajak; B. Pre-
paration and Procedure in Construction of Bridges
From Prefabricated Elements, by Marian Pluta; C.
Demining Action Before Autumn, by Boleslaw Miczko,
15 pp.

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pp 31-34; ~~XXXX~~ 34-41; 59-71.

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L. A. PLUTALOVA

Graphite seals for rotating shafts

Vestnik Mashinostroyeniya, 37, No. 2, 3-8 (1957)

IGIS-64 (RD/R). English

E u r a t o m

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Fr-74

PLUTALOVA L. A.

Graphite-base materials for linings of liquid oxygen pumps
Matériaux à base de graphite pour chemises de pompes à
oxygène liquide

Kislod, No. 2, 3 p., (1959)

T/R.279-760 (T.8940) 2a9.. - French

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Graphic Seals for Rotating Shafts, by L. A.
Plutalova, 11 pp.

RUSSIAN, per, Vest Mash, Vol XXXVII, No 2,
1957, pp 3-8.

AEC IGIS-64(RD/R)

Sci -
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Plutalova, L. A.
ON GRAPHITE MATERIALS FOR SLEEVES OF
LIQUID OXYGEN PUMPS. [1961] 2p. [DSIR LUU]
M 2275.

Order from OTS or SLA \$1.10

61-13757

Trans. of Kislodod (USSR) 1959 [v. 12] no. 2, p. 54.

DESCRIPTORS: *Liquid oxygen, *Graphite compounds,
Friction, *Pumps

Recommendations are made concerning the most effective anti-friction graphite materials for the sleeves of liquid oxygen pumps and sources where they can be purchased.

(Materials--Lubricants, TT, v. 6, no. 1)

61-13757

- I. Sleeves
- I. Plutalova, L. A.
- II. DSIR LUU M. 2275

Office of Technical Services

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RATIONAL REGULATION OF THE TRACTION
ELECTRIC MOTOR OF A THERMO-LOCOMOTIVE.
[1961] [11 p. (4 figs. omitted) 3 refs. AERDL T-896;
RIS E 654.

Order from OTS or SLA \$1.60

62-13277

Trans. of [Vestnik Elektromyshlennosti] (USSR)
[1960] v. 31, no. 1, p. 50-55.

Also available from RIS \$18.00 as RIS E 654.

DESCRIPTORS: *Locomotives, *Electric motors,
Electrical equipment, Voltage, Heating, Electric
terminals, Thermoelectricity.

(Machinery--Transport, TT, v. 8, no. 7)

- I. Plutser-Sarno, Yu. N.
- II. AERDL-T-896
- III. RIS-E-654
- IV. Army Engineer Research and
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- V. Research Information
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New System for Electric Starting of Powerful
Locomotive Motors, by Yu. N. Plutsar-Sarno.

RUSSIAN, per, Vestnik Elektromyashlenosti
Vol XLII, No 8, pp 36-41, 1960.

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Sci - Engr

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Philippe Pluvinage, 73 pp.

FRENCH, These presentee a la Faculte des Sciences
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Scientific - Geophysics, Physics

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Krustal', V. A. Pluzhnik, 3 pp.

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Ways of Lowering Losses in Raising Breeding Horses,
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RUSSIAN, per, Konevodstvo, No 9, 1960, pp 2-4.

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Recuperator Performance in a Steelmelting Furnace, by
G. I. Demin, A. I. Plushnikov, 3 pp.

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Features of the Elastic Properties and Internal
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Sulfate Crystals, by L. A. Shuvalov,
K. A. Pluzhnikov, 6 pp.

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Sov Phys - Crystall
Vol VI, No 5

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Pilots Cooperate With Ground Troops, by Col P.
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A Worthy Contribution to the Theory of Combat
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SYNTHESIS OF PHOSPHOLIPIDS CONTAINING RESIDUES
OF HIGHER ALIPHATIC POLYENOIC ACIDS, BY V. I.
SHVETS, N. A. BOGOSLOVSKIY, V. M. PLYACHENKO,
4 PP.

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The Role of the Chief Formation Surgeons In the
Organization of Medical and Prophylactic Service
for the Troops, by R. G. Plyakin, 4 pp.

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Encl ~~to~~ IR-1025-55, AFOIN-IAI, 16 Aug 1955.
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AF 686870

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Scientific - Medicine
Military -

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A Continuously Operating Apparatus for the
Extraction of Caffeine and Morphine from
Plant Material. Pt. 1. Extraction, Equilibrium
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Models of Disk and Screw Type Diffusers,
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RUSSIAN, per, Meditsinskaya Promyshlennost
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AT3-96588R

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Sci-BRM
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Application of the UIM-5 Machine for Long-Term
Strength Tests Under Cyclic Loads, by L. B. Getsov,
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The Influence of Mechanical Deformations on the
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The Peat Industry of the Masoblagmarkhoz,
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JPRS 13524

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Machines for Producing Castings With a
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PRODUCTION OF LARGE SIZE PIPES MADE OF OXIDIZING
STAINLESS STEEL, BY G. A. PLYATSKOVSKIY, G. I.
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New Machines and Devices for Pressing Liquid Metal,
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Die-Casting of Copper Alloys, by V. M.
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Sci - Minerals/Metals

May 1956

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The Design of the Pilger Roll Profile for Achieving
Maximum Mill Output, by O. A. Plyatskovskiy, A. A.
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No 10, 1959, pp 49-56.

BISI 2004

Sci - Engr

May 61

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THE DESIGN OF THE PILGER ROLL PROFILE FOR
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Order from BISI 3 5s BISI 2004

Trans. of [zvestiya] V[ysshikh] U[chebnykh]
Z[avedeniya]. Chernaya Met[allurgiya] (USSR) 1959,
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1. Steel tubing--Production
2. Rolling mills--Operations
3. Title: Pilger mill
- I. Plyatskovskiy, O. A.
- II. Chernyavskiy, A. A.
- III. BISI-2004
- IV. British Iron and Steel
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Office of Technical Services

(Machinery--Manufacturing, TT, v. 5, no. 6)

New Developments in the Technology of High-Alloy
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Preventing the Occurrence of Premature
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Sci - Min/Inst
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Processes of Forming Metal Under Pressure
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Sci - Min/Met
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A Study of the Expansion of Thick-walled tube on a
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